# OTTO CHEMIE PVT LTD

An ISO 9001 : 2015 & GMP Certified Company 101, Aarkay Ruby Industrial Estate (1B), Opp Shree Narayan Industrial Estate, Chinchpada, Vasai East, Waliv, Maharashtra 401208. Tel : + 91 98200 41841 Email : info@ottokemi.com Web : www.ottokemi.com

Creation Date :- 10-04-2025

Rivision Date :-22-07-2030

# MATERIAL SAFETY DATA SHEET (MSDS)

### **SECTION 1. Product identifiers**

Product name: Potassium acetate, for molecular biology, 99% Product Code: P 2108 CAS No : 127-08-2

Use : Industrial. For professional us 1.3. Details of the supplier of the sa Company identification OTTO CHEMIE PVT LTD	fety data sheet (1B), Opp Shree Narayan Industrial Estate, harashtra 401208.
2.2 Label elements No hazard pictogram, no signal wor statement(s) required 2.3 Other hazards This substance/mixture contains no bioaccumulative and toxic (PBT), o levels of 0.1% or higher. Ecological information: The substance/mixture does not co disrupting properties according to F (EU) 2017/2100 or Commission Re Toxicological information: The substance/mixture does not co disrupting properties according to F	
SECTION 3: Composition/inform 3.1 Substances Synonyms Formula Molecular weight CAS-No. EC-No. No components need to be disclose	ation on ingredients : K(acac) : C2H3KO2 : 98,14 g/mol : 127-08-2 : 204-822-2 ed according to the applicable regulations.
<b>SECTION 4: First aid measures</b> 4.1 Description of first-aid measure If inhaled After inhalation: fresh air.	S

After inhalation: fresh air. In case of skin contact In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. In case of eye contact After eye contact: rinse out with plenty of water. Remove contact lenses. If swallowed

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After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell. 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section

2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

Suitable extinguishing media

Water Foam Carbon dioxide (CO2) Dry powder

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

Potassium oxides

Combustible.

Development of hazardous combustion gases or vapours possible in the event of fire. 5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

5.4 Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

## SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions

(see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

6.4 Reference to other sections For disposal see section 13.

## **SECTION 7: Handling and storage**

7.1 Precautions for safe handling For precautions see section 2.2. 7.2 Conditions for safe storage, including any incompatibilities Storage conditions Tightly closed. Dry. Hygroscopic. Air and moisture sensitive. Store under inert gas. Storage class Storage class (TRGS 510): 13: Non Combustible Solids 7.3 Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

### **SECTION 8: Exposure controls/personal protection**

8.1 Control parameters Ingredients with workplace control parameters 8.2 Exposure controls Personal protective equipment Eye/face protection Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses Skin protection This recommendation applies only to the product stated in the safety data sheet,

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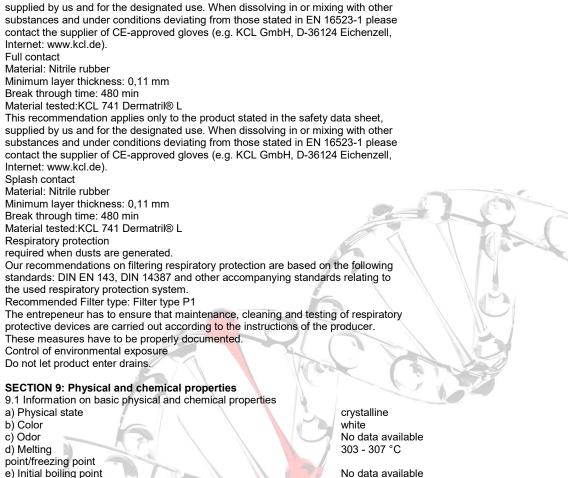
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No data available

No data available does not ignite

No data available

7,0 - 9 at 98,2 g/l at 25 °C Viscosity, kinematic: No data available Viscosity, dynamic: No data available 98,2 g/l at 20 °C - completely soluble No data available

< 0,0000001 hPa at 25 °C 1,57 g/cm3 at 25 °C No data available No data available

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density

and boiling range f) Flammability (solid,

g) Upper/lower

flammability or explosive limits h) Flash point

i) Autoignition

temperature j) Decomposition

temperature k) pH

I) Viscosity

m) Water solubility n) Partition coefficient:

n-octanol/water

o) Vapor pressure p) Densitv

Relative density

q) Relative vapor

gas)

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No data available

Does not sustain combustion.

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## r) Particle

characteristics s) Explosive properties t) Oxidizing properties 9.2 Other safety information No data available

No data available

No data available The substance or mixture is not classified as oxidizing.

## **SECTION 10: Stability and reactivity**

10.1 Reactivity

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed 10.2 Chemical stability The product is chemically stable under standard ambient conditions (room temperature) . 10.3 Possibility of hazardous reactions Violent reactions possible with: Strong oxidizing agents 10.4 Conditions to avoid no information available 10.5 Incompatible materials No data available 10.6 Hazardous decomposition products In the event of fire: see section 5 **SECTION 11: Toxicological information** 11.1 Information on toxicological effects Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Toxicity to Animals: Oral LD50 Rat: 1500 mg/kg; Dermal LD50 Rabbit: 2000mg/kg Inhalation LC50 Rat: > 50mg/L. Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified None. by NTP, None. by OSHA, None. by NIOSH. Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of inhalation (lung irritant). Special Remarks on Toxicity to Animals: Not available. Special Remarks on Chronic Effects on Humans: Not available. Special Remarks on other Toxic Effects on Humans: Not available. **SECTION 12: Ecological information** 12.1 Toxicity Toxicity to fish LC50 - Danio rerio (zebra fish) - > 992 mg/l - 96 h (OECD Test Guideline 203) Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia - > 919 mg/l - 48 h (OECD Test Guideline 202) Toxicity to algae EC50 - Skeletonema costatum (marine diatom) - > 1.000 mg/l - 72 h (ISO 10253) 12.2 Persistence and degradability Biodegradability Result: - Readily biodegradable. 12.3 Bioaccumulative potential Does not accumulate in organisms. 12.4 Mobility in soil No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered to be either persistent. bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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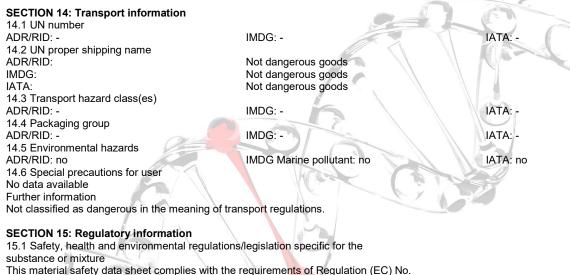
12.6 Endocrine disrupting properties Product: Assessment :

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects No data available

# **SECTION 13: Disposal considerations**

13.1 Waste treatment methods Product See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.



15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

### **SECTION 16: Other Information**

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.

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